

Table B-1 Status of Installations with FY99 to Completion Cost Estimate Greater Than \$1,000,000 and More Than Two Total Sites

Defense Environmental Restoration Program

Installation/FFID							RAB		BRAC Year		NPL/Proposed NPL		Additional Progress Information		
			Phase	Completed	Underway	Future	Schedule Impact in FY98*	Cost Incurred Thru FY98 (\$000)	FY98 Funds Obligated (\$000)	FY99 Execution Planned (\$000)	FY00 Planning Estimate (\$000)	Estimated Costs By Fiscal Year (\$000)			
				Sites (Actions)											
South Carolina															
ARMY - FORT JACKSON / SC421372044900													Progress in FY98		
Sites with Response Complete		11	Investigation	11	27	0	REG	\$4,873	\$513	\$287	\$354	FY01	\$914	21 NFRAPs out of 51 original IRP RCRA sites and 9 of 24 UST sites. 19 RCRA and 18 UST WPs executed, & reports submitted. New WPs in progress as result of reg. requirements. Partnering speeded progress. 1 new RCRA site added & scored (FTJA-39). Progress Planned for FY99-FY00 Continue partnering with regulators, graduate from facilitator support. Perform IRAs at sites. Pursue NFRAP at more sites. Continue to prepare, execute WPs (fund, obligate WPs) as required for corrective action.	
Sites in Progress -Relative Risk Category	High	10	Interim Actions	0(0)	0(0)		FUND	\$1,055	\$0	\$65	\$0	FY02	\$574		
	Medium	7	Design	0	0	27	REG	\$367	\$8	\$248	\$186	FY03	\$954		
	Low	10	RA-C	4	0	27	REG	\$586	\$6	\$0	\$360	FY04	\$720		
	Not Evaluated	0	RA-O (LTO)	0	0	11		\$0	\$0	\$0	\$0	FY05	\$1,226		
	Not Required	0	LTM	0	0	0		\$0	\$0	\$0	\$0				
Total Number of Sites		38	Total					\$6,881	\$527	\$600	\$900	FY99-2015**	\$28,933		
NAVY - BEAUFORT SC MCAS / SC417302320900													Progress in FY98		
Sites with Response Complete		18	Investigation	21	20	0		\$2,340	\$3	\$0	\$1,088	FY01	\$913	Draft RFI work plan prepared by Navy in 5/92 reviewed by DHEC in 4/96. Navy contractor preparing a generic work plan to address all sampling and short plans for each site. UST study completed at day tanks. Initiated USGS intrinsic bio at M Progress Planned for FY99-FY00 The sites at MCAS are relatively clean IAW the Navy Risk model and did not receive funding in FY97. RFI/CS work plan will be reviewed/completed in 1998. IM at SWMUs 5 & 9 in FY98. Monitoring at various UST sites is planned.	
Sites in Progress -Relative Risk Category	High	2	Interim Actions	1(2)	4(4)			\$124	\$124	\$306	\$272	FY02	\$1,646		
	Medium	13	Design	1	0	10		\$76	\$76	\$0	\$0	FY03	\$1,207		
	Low	6	RA-C	0	2	11		\$115	\$49	\$618	\$0	FY04	\$937		
	Not Evaluated	2	RA-O (LTO)	0	0	1		\$0	\$0	\$0	\$102	FY05	\$72		
	Not Required	0	LTM	0	2	17		\$162	\$56	\$147	\$220				
Total Number of Sites		41	Total					\$2,817	\$308	\$1,071	\$1,682	FY99-2013**	\$17,015		
NAVY - CHARLESTON NAVAL SHIPYARD / SC417002256000													Progress in FY98		
BRAC 1993													Refer to page A-34.		
Sites with Response Complete		0	Investigation	8	31	0		\$0	\$0	\$0	\$0	FY01	\$9	Progress Planned for FY99-FY00 Refer to page A-34.	
Sites in Progress -Relative Risk Category	High	3	Interim Actions	0(0)	0(0)			\$0	\$0	\$0	\$33	FY02	\$12		
	Medium	1	Design	6	0	33		\$0	\$0	\$0	\$515	FY03	\$12		
	Low	32	RA-C	0	6	33		\$0	\$0	\$0	\$3,205	FY04	\$12		
	Not Evaluated	3	RA-O (LTO)	0	0	0		\$0	\$0	\$0	\$0	FY05	\$12		
	Not Required	0	LTM	0	0	11		\$0	\$0	\$0	\$2				
Total Number of Sites		39	Total					\$0	\$0	\$0	\$3,755	FY99-2001**	\$3,879		
NAVY - CHARLESTON SC FISC / SC417002434300													Progress in FY98		
BRAC 1993													Refer to page A-34.		
Sites with Response Complete		7	Investigation	20	4	0		\$1,539	\$0	\$0	\$0	FY01	\$34	Progress Planned for FY99-FY00 Refer to page A-34.	
Sites in Progress -Relative Risk Category	High	8	Interim Actions	5(6)	0(0)			\$847	\$797	\$19	\$10	FY02	\$38		
	Medium	8	Design	0	0	20		\$0	\$0	\$422	\$36	FY03	\$40		
	Low	1	RA-C	2	0	18		\$0	\$0	\$4,122	\$522	FY04	\$39		
	Not Evaluated	0	RA-O (LTO)	0	0	1		\$0	\$0	\$0	\$1	FY05	\$41		
	Not Required	0	LTM	0	0	9		\$0	\$0	\$57	\$32				
Total Number of Sites		24	Total					\$2,386	\$797	\$4,620	\$601	FY99-2010**	\$5,688		

*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding **The year represented here is the estimated Response Complete year.

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Installation/FFID							RAB		BRAC Year		NPL/Proposed NPL		Additional Progress Information		
	Phase	Completed	Underway	Future	Schedule Impact in FY98*	Cost Incurred Thru FY98 (\$000)	FY98 Funds Obligated (\$000)	FY99 Execution Planned (\$000)	FY00 Planning Estimate (\$000)	Estimated Costs By Fiscal Year (\$000)					
		Sites (Actions)													
South Carolina															
NAVY - CHARLESTON SC NS / SC417002425800												BRAC 1993		Progress in FY98 Refer to page A-34.	
Sites with Response Complete		8	Investigation	40	17	0		\$5,005	\$613	\$94	\$0	FY01	\$2,085	Progress Planned for FY99-FY00 Refer to page A-34.	
Sites in Progress -Relative Risk Category	High	25	Interim Actions	13(16)	1(1)		\$8,269	\$0	\$170	\$177	FY02	\$237			
	Medium	16	Design	3	0	35	\$349	\$299	\$596	\$76	FY03	\$180			
	Low	4	RA-C	1	4	41	\$4,097	\$3,837	\$8,588	\$1,155	FY04	\$181			
	Not Evaluated	3	RA-O (LTO)	0	1	3	\$0	\$0	\$82	\$366	FY05	\$177			
	Not Required	1	LTM	0	4	21	\$31	\$0	\$263	\$344					
Total Number of Sites		57	Total				\$17,751	\$4,749	\$9,793	\$2,118	FY99-2006**	\$15,268			
NAVY - CHARLESTON SC NWS / SC417002262000												Progress in FY98 Field work during FY97 at SWMUs 2, 21,23, and 27. Reports will submitted in 1998.			
Sites with Response Complete		16	Investigation	25	10	13		\$9,506	\$1,616	\$226	\$1,348	FY01	\$625	Progress Planned for FY99-FY00 RFI planned at 3 SWMUs in FY98. The work plan has been written and approved by SCDHEC. In FY98 samples will be taken, analyzed and a report written for SWMU 11, 12, and 24. Ongoing work at regulated units.	
Sites in Progress -Relative Risk Category	High	4	Interim Actions	3(3)	0(0)		\$1,502	\$0	\$578	\$99	FY02	\$1,515			
	Medium	19	Design	1	0	18	\$187	\$0	\$0	\$0	FY03	\$1,062			
	Low	9	RA-C	1	3	17	\$1,309	\$0	\$1,188	\$0	FY04	\$496			
	Not Evaluated	0	RA-O (LTO)	0	0	2	\$0	\$0	\$0	\$0	FY05	\$3,545			
	Not Required	0	LTM	0	0	26	\$0	\$0	\$52	\$188					
Total Number of Sites		48	Total				\$12,504	\$1,616	\$2,044	\$1,635	FY99-2013**	\$22,960			
NAVY - PARRIS ISLAND MARINE CORPS RECRUIT DEPOT / SC417302276300												NPL		Progress in FY98 Refer to page A-155.	
Sites with Response Complete		10	Investigation	11	14	0		\$3,057	\$879	\$357	\$1,468	FY01	\$132	Progress Planned for FY99-FY00 Refer to page A-155.	
Sites in Progress -Relative Risk Category	High	7	Interim Actions	3(3)	1(1)		\$979	\$254	\$0	\$0	FY02	\$2,306			
	Medium	2	Design	0	0	8	\$0	\$0	\$0	\$0	FY03	\$1,690			
	Low	5	RA-C	2	0	9	\$2,018	\$0	\$0	\$0	FY04	\$508			
	Not Evaluated	0	RA-O (LTO)	0	1	5	\$84	\$80	\$0	\$0	FY05	\$1,776			
	Not Required	1	LTM	0	1	9	\$52	\$52	\$127	\$49					
Total Number of Sites		25	Total				\$6,190	\$1,265	\$484	\$1,517	FY99-2018**	\$15,702			
AIR FORCE - CHARLESTON AIR FORCE BASE / SC457182446000												Progress in FY98 Completed RFIs at 3 sites and met FY97 relative risk reduction goals. Risk reduced from high to medium in one case, and from high to low in another.			
Sites with Response Complete		31	Investigation	40	2	0		\$4,444	\$0	\$225	\$98	FY01	\$444	Progress Planned for FY99-FY00 Meet FY98 relative risk reduction goals at sites agreed upon by Charleston AFB and HQ AMC/CEV (estimate that site agreement will be reached NLT 2/98).	
Sites in Progress -Relative Risk Category	High	5	Interim Actions	5(5)	1(1)		\$1,854	\$0	\$268	\$0	FY02	\$352			
	Medium	0	Design	3	0	3	\$693	\$0	\$0	\$0	FY03	\$390			
	Low	3	RA-C	5	4	1	\$2,365	\$50	\$0	\$0	FY04	\$400			
	Not Evaluated	0	RA-O (LTO)	0	1	1	\$0	\$0	\$0	\$49	FY05	\$396			
	Not Required	3	LTM	0	7	3	\$2,186	\$349	\$0	\$295					
Total Number of Sites		42	Total				\$11,542	\$399	\$493	\$442	FY99-2011**	\$4,478			

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Installation/FFID							RAB			BRAC Year		NPL/Proposed NPL		Additional Progress Information			
		Phase	Completed	Underway	Future	Schedule Impact in FY98*	Cost Incurred Thru FY98 (\$000)	FY98 Funds Obligated (\$000)	FY99 Execution Planned (\$000)	FY00 Planning Estimate (\$000)	Estimated Costs By Fiscal Year (\$000)						
			Sites (Actions)														
South Carolina																	
AIR FORCE - MCENTIRE AIR GUARD BASE / SC457282516000														Progress in FY98			
Sites with Response Complete		7	Investigation	8	4	0	FUND	\$1,026	\$0	\$0	\$0	FY01	\$0	An Engineering Evaluation and Cost Analysis continued at sites 1, 3, and 4. Funding shortfalls have delayed well closures at eight sites. Progress Planned for FY99-FY00 Initiate an interim cleanup at sites 1, 3, and 4. Complete the Site Investigation for Fire Training Area 8. Funding shortfalls have delayed well closures at eight sites.			
Sites in Progress -Relative Risk Category	High	2	Interim Actions	1(1)	4(4)		\$0	\$0	\$235	\$6	FY02	\$172					
	Medium	2	Design	0	0	3	\$200	\$0	\$0	\$0	FY03	\$947					
	Low	1	RA-C	0	0	3	\$0	\$0	\$0	\$0	FY04	\$21					
	Not Evaluated	0	RA-O (LTO)	0	0	3	\$0	\$0	\$0	\$0	FY05	\$186					
	Not Required	0	LTM	0	0	3	\$0	\$0	\$0	\$0							
Total Number of Sites		12	Total				\$1,226	\$0	\$235	\$6	FY99-2019**	\$2,777					
AIR FORCE - MYRTLE BEACH AIR FORCE BASE / SC457002482100														BRAC 1991		Progress in FY98	
Sites with Response Complete		153	Investigation	162	30	0		\$15,875	\$740	\$0	\$0	FY01	\$1,898	Refer to page A-137. Progress Planned for FY99-FY00 Refer to page A-137.			
Sites in Progress -Relative Risk Category	High	3	Interim Actions	48(48)	16(18)		\$3,664	\$0	\$0	\$0	FY02	\$1,602					
	Medium	6	Design	4	0	2	\$1,342	\$60	\$100	\$0	FY03	\$1,600					
	Low	10	RA-C	7	2	21	\$9,287	\$400	\$850	\$1,000	FY04	\$1,547					
	Not Evaluated	16	RA-O (LTO)	1	6	21	\$8,216	\$3,918	\$2,080	\$2,700	FY05	\$1,547					
	Not Required	4	LTM	0	2	22	\$500	\$0	\$0	\$180							
Total Number of Sites		192	Total				\$38,884	\$5,118	\$3,030	\$3,880	FY99-2011**	\$22,633					
AIR FORCE - SHAW AIR FORCE BASE / SC457212446600														RAB		Progress in FY98	
Sites with Response Complete		19	Investigation	32	1	0		\$14,969	\$0	\$0	\$0	FY01	\$2,212	FY96: Awarded RA & LTO at OU-1 (SS-4,OT-5,ST-14,SS-15); Currently 15 sites are response complete, 11 in cleanup, and 6 under investigation. Progress Planned for FY99-FY00 FY97: Award LTO at ST-18, continue LTO at OU-1, construct off-base extraction system for OT-16 (OU-2B), and install pilot study at FT-1 (OU-4). FY98: Will have all RAs in place by end of FY98.			
Sites in Progress -Relative Risk Category	High	3	Interim Actions	4(4)	5(5)		\$2,577	\$0	\$0	\$0	FY02	\$2,698					
	Medium	1	Design	6	0	1	\$15,550	\$0	\$0	\$0	FY03	\$2,250					
	Low	0	RA-C	7	0	2	TECH	\$7,059	\$0	\$0	\$0	FY04	\$2,255				
	Not Evaluated	0	RA-O (LTO)	0	5	3	\$4,030	\$1,767	\$1,974	\$1,002	FY05	\$3,233					
	Not Required	10	LTM	2	2	2	\$441	\$441	\$164	\$0							
Total Number of Sites		33	Total				\$44,626	\$2,208	\$2,138	\$1,002	FY99-2016**	\$31,414					
FORMERLY USED DEFENSE SITES - COLUMBIA AAB / SC49799F494900														Progress in FY98			
Sites with Response Complete		0	Investigation	0	1	2		\$33	\$0	\$43	\$0	FY01	\$0	Progress Planned for FY99-FY00 Limited SI will be conducted to obtain a relative risk score. Future work will be programmed based on rel risk score.			
Sites in Progress -Relative Risk Category	High	0	Interim Actions	0(0)	0(0)		\$0	\$0	\$0	\$0	FY02	\$0					
	Medium	0	Design	0	0	2	\$0	\$0	\$0	\$0	FY03	\$0					
	Low	0	RA-C	0	0	2	\$0	\$0	\$0	\$0	FY04	\$0					
	Not Evaluated	1	RA-O (LTO)	0	0	1	\$0	\$0	\$0	\$0							
	Not Required	2	LTM	0	0	1	\$0	\$0	\$0	\$0	FY05	\$0					
Total Number of Sites		3	Total				\$33	\$0	\$43	\$0	FY99-2024**	\$17,514					

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		Sites (Actions)															
South Carolina																	
FORMERLY USED DEFENSE SITES - CP CROFT / SC49799F492600												Progress in FY98 OE- Last removal action of Phase 1 EE/CA started and 84% complete through September 1998. Completed Phase 2 EE/CA. Phase 2 Action Memorandum approved authorizing removal in 4 additional areas. Progress Planned for FY99-FY00 OE- Completion of Phase 1 removal action. FY99 - Initiate Phase 2 mapping for removal. FY00 - Continue removal action. HTRW- Limited SI will be conducted to obtain a relative risk score. Future work will be programmed based on rel risk					
Sites with Response Complete		1	Investigation	2	0	1		\$4,382	\$37	\$43	\$0			FY01	\$2,160		
Sites in Progress -Relative Risk Category	High	0	Interim Actions	1(1)	0(0)			\$1,433	\$0	\$0	\$0			FY02	\$0		
	Medium	0	Design	2	0	1		\$88	\$0	\$0	\$0			FY03	\$0		
	Low	0	RA-C	1	1	1		\$6,328	\$2,522	\$750	\$3,190			FY04	\$0		
	Not Evaluated	1	RA-O (LTO)	0	0	0		\$0	\$0	\$0	\$0			FY05	\$0		
Total Number of Sites		3	Total				\$12,231	\$2,559	\$793	\$3,190	FY99-2015**			\$50,708			
FORMERLY USED DEFENSE SITES - DONALDSON AFB / SC49799F494600												Progress in FY98 In-House- completed Site Assessment field work at 7 sites (each site comprised of numerous former tank locations), then SA Reports for 5 of 7 sites. Contract project- prepared work plan; completed fieldwork; prepared 60% IRA design. Progress Planned for FY99-FY00 In-House project- complete 2 remaining SA Reports; perform additional field work and execute remedial actions, as agreed upon with regulatory agency. Contract project- complete IRA design and RI report.					
Sites with Response Complete		2	Investigation	2	2	1		\$4,343	\$256	\$190	\$0			FY01	\$659		
Sites in Progress -Relative Risk Category	High	2	Interim Actions	0(0)	2(2)			\$36	\$15	\$595	\$0			FY02	\$452		
	Medium	0	Design	2	1	1		\$129	\$20	\$25	\$0			FY03	\$2,279		
	Low	0	RA-C	2	1	1		\$6,431	\$25	\$452	\$0			FY04	\$106		
	Not Evaluated	0	RA-O (LTO)	0	0	0		\$0	\$0	\$0	\$0			FY05	\$162		
Total Number of Sites		5	Total				\$10,939	\$316	\$1,287	\$100	FY99-2003**			\$5,325			
South Dakota																	
AIR FORCE - ELLSWORTH AIR FORCE BASE / SD857212464400												RAB		NPL		Progress in FY98 Refer to page A-57. Progress Planned for FY99-FY00 Refer to page A-57.	
Sites with Response Complete		12	Investigation	19	1	1	REG	\$18,046	\$835	\$0	\$0	FY01	\$3,281				
Sites in Progress -Relative Risk Category	High	3	Interim Actions	2(2)	0(0)		TECH	\$8,873	\$505	\$0	\$0	FY02	\$4,406				
	Medium	0	Design	12	0	1		\$2,814	\$0	\$0	\$346	FY03	\$9,033				
	Low	0	RA-C	12	1	2		\$23,824	\$1,949	\$0	\$0	FY04	\$9,200				
	Not Evaluated	0	RA-O (LTO)	0	5	3		\$2,138	\$1,406	\$1,484	\$1,178	FY05	\$5,010				
Total Number of Sites		21	Total				\$56,575	\$5,073	\$1,736	\$1,703	FY99-2018**	\$34,454					
FORMERLY USED DEFENSE SITES - BLACK HILLS ORD DPT / SD89799F077100												Progress in FY98 Completed surface clearance in two high priority areas and completed sitewide ordnance removal feasibility study. Continued sitewide investigation for other substances. Progress Planned for FY99-FY00 Remove ordnance scrap and assess need for additional clearance. Institute final ordnance remedial action. Complete remaining investigations.					
Sites with Response Complete		1	Investigation	1	2	0		\$14,034	\$2,381	\$2,365	\$1,723			FY01	\$260		
Sites in Progress -Relative Risk Category	High	1	Interim Actions	1(1)	0(0)			\$505	\$0	\$0	\$0			FY02	\$3,241		
	Medium	0	Design	1	0	1		\$30	\$0	\$0	\$0			FY03	\$466		
	Low	0	RA-C	1	1	1		\$4,892	\$675	\$330	\$108			FY04	\$15		
	Not Evaluated	0	RA-O (LTO)	0	0	1		\$0	\$0	\$0	\$0			FY05	\$0		
Total Number of Sites		3	Total				\$19,461	\$3,056	\$2,695	\$1,831	FY99-2002**			\$8,508			

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